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CENTRAL INTELLIGENCE AGENCY

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SECURITY INFORMATION

# INFORMATION REPORT

REPORT 50X1-HUM

CD NO.

COUNTRY USSR

DO NOT CIRCULATE

DATE DISTR. 21 August 1952

SUBJECT Soviet Radar Equipment for Antiaircraft Batteries

NO. OF PAGES 2

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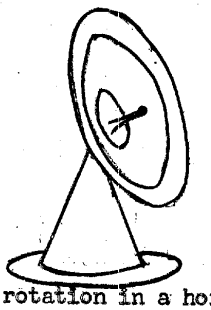
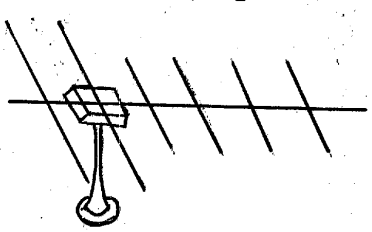
1. Soviet radio location stations SON (stantsii orudinoi navodki) (radar) have a searchlight form antenna (curved reflector) of sharply directed action. See sketch below:



The antenna has a circular rotation in a horizontal plane. It works on wavelengths of from one to nine cm. The antenna is mounted on the roof of a van-like ZIS-150 or ZIS-5 V truck.

2. Soviet radio location early warning stations (stantsii dalnogo obnaruzheniya) have a multi-vibration directing antenna (mnogovibratsionnaya direktornaya antenna). See sketch below:



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The antenna has a circular rotation in a horizontal plane. It works on wavelenghts of from 10 to 99 cm. The antenna is mounted on the roof of a van-like ZIS-150 or ZIS-5 V truck.

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